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PATENT, TRADEMARK, COPYRIGHT
AND RELATED INTELLECTUAL PROPERTY CAUSES

November 22, 1999

ESTABLISHED 1930

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Assistant Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

Attached is a Reissue Continuation Application of Serial No. 08/396,981 filed March 1, 1995 which is being filed without a signed Declaration under the provisions of 37 CFR §1.53. The names, addresses and citizenship of the inventors are as follows:

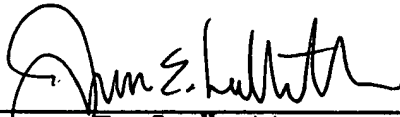
Name: Naoyasu MIYAGAWA
Address: 17-21-202, Fujigaokacho, Suita-shi, Japan
Citizenship: Japanese

Name: Yasuhiro GOTOH
Address: 5-1-710, Yanagimachi, Kadoma-shi, Japan
Citizenship: Japanese

The Declaration will be filed within the time specified for such filing.

Respectfully submitted,

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.



James E. Ledbetter
Registration No. 28,732

JEL/ldh

ATTORNEY DOCKET NO. JEL 28567RE-B

DECLARATION

I, as a below-named inventor, hereby declare that my residence, post office address and citizenship are as stated below adjacent my name, that I verily believe I am an original, first and joint inventor of the invention described and claimed in Letters Patent No. 5,235,581 issued August 10, 1993 and in the specification filed August 5, 1991 and for which invention I solicit a reissue patent; that I have reviewed and understand the contents of the specification attached hereto, including the claims; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this Reissue Application in accordance with Title 37, Code of Federal Regulations, §1.56(a); and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States prior to filing of Application Serial No. 740,629 (from which Patent 5,235,581 issued) by me or my legal representatives or assigns, except as follows:

Japanese Patent Application Nos. 02-212537 filed August 9, 1990, 02-285006 filed October 22, 1990, and 03-044798 filed March 11, 1991.

The priority of Japanese application nos. 02-212537, 02-285006 and 03-044798 was claimed in said U.S. application and is also hereby claimed in this Reissue Application and certified copies are available in the patent file.

I further declare that I believe said Letters Patent is, through error and without deceptive intent, partly inoperative by reason of our claiming less than we had a right to claim in the patent.

The above-referenced error is corrected herein by adding some broader claims and some more specific claims.

We hereby appoint the following as our attorneys of record with full power of substitution and revocation to prosecute this

applicat and to transact all business in the Patent and
Trademark Office.

Ellsworth H. Mosher, Registration No. 14,717; Richard C.
Harris, Registration No. 17,194; William A. Knoeller,
Registration No. 20,929; James E. Ledbetter, Registration No.
28,732; Thomas P. Pavelko, Registration No. 31,689; James A.
Poulos, Registration No. 31,714; and Anthony P. Venturino,
Registration No. 31,674.

All correspondence in connection with this application
should be sent to:

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
515 N. Washington Street
P.O. Box 1427
Alexandria, VA 22314
Telephone (703) 549-7200

I, as an undersigned inventor, further declare that all
statements made herein of my own knowledge are true and that all
statements made on information and belief are believed to be
true; and further that these statements were made with the
knowledge that willful false statements and the like so made are
punishable by fine or imprisonment, or both, under Section 1001
of Title 18 of the United States Code and that such willful
false statements may jeopardize the validity of the reissue
application or of any reissue patent to issue thereon.

Naoyasu MIYAGAWA

Naoyasu Miyagawa
(Signature)

Feb. 24. 1995
(Date)

Residence: Suita-shi, Japan

Citizenship: Japanese

Post Office Address: 17-21-202, Fujigaokacho, Suita-shi, Japan

Yasuhiro GOTOH

Yasuhiro Gotoh
(Signature)

Feb. 24. 1995
(Date)

Residence: Kadoma-shi, Japan

Citizenship: Japanese

Post Office Address: 5-1-710, Yanagimachi, Kadoma-shi, Japan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Naoyasu MIYAGAWA et al

Original U.S. Patent No. 5,235,581
(serial no. 07/740,629,
issued August 10, 1993)

Reissue Application Serial No.: New Application

Reissue Application Filing Date:

Title: OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL
DISKS WITH VARIOUS DISK SUBSTRATE THICKNESSES

ASSENT OF ASSIGNEE TO REISSUE

The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned, a duly authorized representative of
Matsushita Electric Industrial Co., Ltd., the Assignee of the
entire right, title and interest in U.S. Patent No. 5,235,581
(see the attached copy of an Assignment recorded at Reel 5796,
Frame 668), hereby assents to the Reissue Application of the
above-captioned patent. The evidentiary documents of title have
been reviewed and the undersigned certifies that, to the best of
the Assignee's knowledge and belief, title is in the Assignee
seeking to take action. The undersigned hereby avers that he is
empowered to sign this Assent of Assignee to Reissue on behalf
of the Assignee.

For and on behalf of

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.


(Signature)

Kazutsugu Kobayashi

(Name)

Director, Intellectual Property Center
Authorized Signing Officer

(Title)

Aug. 23, 1996

(Date)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Reissue Application of

Naoyasu MIYAGAWA et al

ASSIGNMENT BRANCH

Original U.S. Patent No. 5,235,581
(serial no. 07/740,629,
issued August 10, 1993)

Reissue Application Serial No.: New Application

Reissue Application Filing Date:

Title: OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL
DISKS WITH VARIOUS DISK SUBSTRATE THICKNESSES.

OFFER TO SURRENDER ORIGINAL PATENT

The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned Applicants of the above-captioned Reissue Application for the reissue of Letters Patent for an improvement in OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL DISKS WITH VARIOUS DISK SUBSTRATE THICKNESSES, Patent No. 5,235,581, granted to them on August 10, 1993, of which Matsushita Electric Industrial Co., Ltd. is now sole owner by assignment and on whose behalf and with whose assent the accompanying application is made, hereby offer to surrender said Letters Patent. An Order for Title Report is filed concurently with the filing of the Reissue Application, as required in such cases. The original Letters Patent will be forwarded to the Patent and Trademark Office upon notification that the Reissue Application is in condition for allowance. A soft copy of said patent is attached hereto for reference.

Feb. 24, 1995
Date

Feb. 24, 1995
Date

Naoyasu Miyagawa
Naoyasu MIYAGAWA

Yasuhiro Gotoh
Yasuhiro GOTOH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Naoyasu MIYAGAWA, et al

Serial No.: Reissue Application
of U.S. Patent No. 5,235,581
(issued: August 10, 1993)

Filed: March 1, 1995

For: OPTICAL RECORDING/REPRODUCING APPARATUS FOR OPTICAL DISKS
WITH VARIOUS DISK SUBSTRATE THICKNESSES

ORDER FOR TITLE REPORT

The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Please have a duly certified Abstract of Title of United States Letters Patent 5,235,581 granted August 10, 1993 to Matsushita Electric Industrial Co., Ltd., as Assignee of Naoyasu MIYAGAWA and Yasuhiro GOTOH, prepared and placed in the file of the above-identified application for reissue of said patent. The fee may be charged to Deposit Account 19-4375.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

JEL/lsh

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
515 N. Washington Street
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Alexandria, VA 22313-1427
(703) 549-7200

ATTORNEY DOCKET NO. JEL 28567 RE

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Naoyasu MIYAGAWA and Yasuhiro GOTOH,

citizens of Japan by MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,
a corporation organized under the laws of Japan,
located at 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan,

receipt of which is hereby acknowledged, we, the said Naoyasu MIYAGAWA and Yasuhiro GOTOH,

do hereby sell and assign to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ successors and assigns, all our right, title and interest, in and for the United States of America,
its in and to "OPTICAL DISC APPARATUS"

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,

~~their~~ Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Naoyasu Miyagawa</u> (Naoyasu MIYAGAWA)	July 30, 1991	<u>Seiki Fujimoto</u>
2) <u>Yasuhiro Gotoh</u> (Yasuhiro GOTOH)	July 30, 1991	<u>Seiki Fujimoto</u>
3) _____ ()	_____	_____
4) _____ ()	_____	_____
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____

RECORDED
PATENT & TRADEMARK OFFICE

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